Claim(s)

1.   A system for the control of color-based lighting through voice control, the system comprising:

a transducer to take in voice signals and convert the voice signals into electrical signals;

a lighting system to control at least one lighting device capable of producing multiple colors; and

a computing device, coupled to the transducer and the lighting system, to convert the electrical signals into control signals that can be used by the lighting system to control said at least one lighting device.

2.   The system of claim 1, wherein the transducer comprises a microphone.

3.   The system of claim 1, in combination with the lighting device, wherein the lighting device includes at least one LED.

4.   The system of claim 3, wherein the lighting device includes at least two LEDs of different colors.

5.   The system of claim 4, wherein the lighting device further comprises:

a processor to control at least one of the at least two LEDs.

6.   The system of 5, wherein the processor further comprises an addressable processor having an alterable address.

7.   The system of claim 1, in combination with the lighting device, wherein the lighting device further comprises at least one group of lighting devices.

8.   A method for the control of color-based lighting comprising acts of:

receiving a command spoken in a syntax composed for use with a lighting system;

translating the command into a signal to be used to control a lighting device capable of producing multiple colors;

applying the signal to the lighting device to cause the lighting device to carry out an action that corresponds to the spoken command.

9.   The method of claim 8, wherein said syntax is of the form:

<System call><object><value>.

10.   The method of claim 8, wherein said syntax corresponds to a natural language.

11.   The method of claim 8, wherein the lighting device includes at least one LED.

12.   The method of claim 11, wherein the lighting device further comprises a processor for controlling the at least one LED.